

Attorney Docket No.: 33343-01 (ENV-0047)
Inventors: Sun et al.
Serial No.: 09/094,279
Filing Date: June 9, 1998
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Please amend the claims as follows:

I 41. (twice amended) A process as described in claim 36,
wherein the base is a hydroxide compound.

72. (twice amended) A process as described in claim 71,
wherein the double stranded enveloped DNA virus *Eubaculovirinae*
is selected from the group consisting of:

I2 a nuclear polyhedrosis virus (NPV) of *Lymantria dispar* NPV,
Anagrapha falcifera NPV, *Spodoptera littoralis* NPV, *Mamestra*
brassicae NPV, *Choristoneura fumiferana* NPV, *Trichoplusia ni* NPV,
Heliocoverpa zea NPV, *Rachiplusia ou* NPV, an *Autographa*
californica NPV selected from the group consisting of V8vEGTDEL,
V8vEGTDEL-AaIT, AcMNPV E2, AcMNPV L1, AcMNPV V8, AcMNPV Px1, and
mixtures thereof; and

a granulosis virus (GV) of the *Cydia pomonella* GV, *Pieris*
brassicae GV, *Trichoplusia ni* GV, *Artogeia rapae* GV, *Plodia*
interpunctella GV, and mixtures thereof.

I3 82. (twice amended) A process as described in claim 36,
wherein

(a) the polymer is selected from the group consisting of an
ethyl acrylate/methacrylic acid copolymer having free carboxylic
acid groups and ester groups in a ratio of about 1:1, a methyl
methacrylate/methacrylic acid copolymer having free carboxylic
acid groups and ester groups in a ratio of from about 1:1 to
about 1:2, a methacrylic acid/methyl acrylate/methyl methacrylate
copolymer having monomers in a ratio of from about 1:5:2 to about
3:7:3, and mixtures thereof;

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contd.
(b) the plasticizer is selected from the group consisting of triethyl citrate and a poly(ethylene glycol) having an average molecular weight of about 1,000 to 10,000; and

(c) the activity enhancer is selected from the group consisting of Blancophor BBH, Calcofluor White M2R, Phorwite AR, and mixtures thereof.

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99. (amended) A process comprising

(a) preparing an aqueous mixture containing a pesticidal agent, a pH-dependent polymer, a base, optionally a plasticizer, optionally an ultraviolet protector, optionally an activity enhancer, optionally a gladdened, and water; wherein

- (A) the polymer is selected from the group consisting of an ethyl acrylate/methacrylic acid copolymer having free carboxylic acid groups and ester groups in a ratio from about 1:1 to about 1:2, a methacrylic acid/methyl acrylate/methyl methacrylate copolymer having monomers in a ratio of from about 1:5:2 to about 3:7:3 and mixtures thereof;
- (B) the plasticizer is selected from the group consisting of triethyl citrate and a poly(ethylene glycol) having an average molecular weight of about 1,000 to 10,000;
- (C) the activity enhancer is selected from the group consisting of Blancophor BBH, Calcofluor White M2R, Phorwite AR and mixtures thereof;
- (D) the pesticidal agent is a biological insecticide selected from the group consisting of

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- IV*
cont
- (1) *Melolontha melolontha* EPV, *Amsacta moorei* EPB, *Locusta migratoria* EPV, *Melanoplus sanguinipes* EPV, *Schistocerca gregaria* EPV, *Aedes aegypti* EPV, *Chironomus luridus* EPV, and mixtures thereof;
 - (2) *Lymantria dispar* NPV, *Anagrapha falcifera* NPV, *Spodotera littoralis* NPV, *Mamestra brassicae* NPV, *Choristoneura* NPV, *Trichoplusia ni* NPV, *Heliocoverpa zea* NPV, *Rachiplusia ou* NPV, and *Autographa californica* NPV selected from the group consisting of V8vEGTDEL, V8vEGTDEL-AaIT, AcMNPV E2, AcMNPV L1, AcMNPV V8, AcMNPV Px1, and mixtures thereof;
 - (3) *Cydia pomonella* GV, *Pieris brassicae* GV, *Trichoplusia ni* GV, *Artogeia rapae* GV, *Plodia interpunctella* GV, and mixtures thereof.
 - (4) *Togaviridae*, *Bunyaviridae*, *Flaviviridae*, and mixtures thereof;
 - (5) *Reoviridae*, *Birnaviridae*, and mixtures thereof;
 - (6) *Picornaviridae*, *Tetraviridae*, *Nodaviridae*, and mixtures thereof;
 - (7) *Bacillus thuringiensis*, *Bacillus lentimorbus*, *Bacillus cereus*, *Bacillus popilliae*, *Photobacterium luminescens*, *Xenorhabdus nematophilus*, and mixtures thereof; and
 - (8) *Beauveria bassiana*, *Entomophthora* spp., *Metarrhizium anisopliae*, and mixtures thereof;

wherein the amount of base added is well below the amount required to fully solubilize